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OM protein - protein search, using sw model

Run on: June 18, 2003, 17:14:36 ; Search time 72.5077 Seconds
(without alignments)
504.414 Million cell updates/sec

Title: US-09-807-933B-7

Perfect score: 1826
Sequence: 1 MKFTVAITSIYALVALSSA.....TFKEVTPAEITRSGCERK 338

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:
1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB pep.*
2: /cgn2_6/ptodata/2/pubpaa/PCIT_NEW_PUB pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB pep.*
4: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB pep.*
5: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep.*
6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep.*
7: /cgn2_6/ptodata/2/pubpaa/PCITUS_PUBCOMB pep.*
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12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep.*
13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep.*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	769.5	42.1	299	US-10-007-521-12	Sequence 12, Appli
2	761.5	41.7	225	US-10-007-521-2	Sequence 2, Appli
3	761.5	41.7	297	US-10-007-521-4	Sequence 4, Appli
4	761.5	41.7	308	US-10-007-521-6	Sequence 6, Appli
5	760.5	41.6	201	US-09-261-329-4	Sequence 4, Appli
6	754.5	41.3	201	US-09-261-329-5	Sequence 5, Appli
7	753.5	41.3	205	US-09-261-329-7	Sequence 7, Appli
8	735	40.3	349	US-10-007-521-10	Sequence 10, Appli
9	722.5	39.6	203	US-09-261-329-9	Sequence 9, Appli
10	722.5	39.6	222	US-10-007-521-14	Sequence 14, Appli
11	722.5	39.6	294	US-10-007-521-24	Sequence 24, Appli
12	714	39.1	376	US-09-735-787-4	Sequence 4, Appli
13	711	38.9	305	US-09-735-787-2	Sequence 2, Appli
14	710	38.9	202	US-09-261-329-1	Sequence 1, Appli
15	708.5	38.8	203	US-09-261-329-6	Sequence 6, Appli
16	703.5	38.5	226	US-10-007-521-16	Sequence 16, Appli
17	703.5	38.5	293	US-10-007-521-20	Sequence 20, Appli
18	703.5	38.5	298	US-10-007-521-18	Sequence 18, Appli
19	699	38.3	310	US-10-007-521-22	Sequence 22, Appli

20	698.5	38.3	203	US-09-261-329-8	Sequence 8, Appli
21	693.5	38.0	235	US-08-841-636A-31	Sequence 31, Appli
22	693	38.0	202	US-09-261-329-3	Sequence 3, Appli
23	684.5	37.5	295	US-10-007-521-8	Sequence 8, Appli
24	678	37.1	202	US-09-261-329-2	Sequence 2, Appli
25	519.5	28.5	211	US-09-261-329-11	Sequence 11, Appli
26	503.5	27.6	235	US-09-261-329-10	Sequence 10, Appli
27	438	24.0	138	US-10-007-521-26	Sequence 26, Appli
28	231.5	12.7	75	US-10-007-521-32	Sequence 32, Appli
29	226.5	12.4	3732	US-10-123-155-71	Sequence 71, Appli
30	223	12.2	2916	US-10-123-155-69	Sequence 69, Appli
31	220.5	12.1	493	US-10-197-294A-2	Sequence 2, Appli
32	220	12.0	2294	US-10-184-644-283	Sequence 283, Appli
33	220	12.0	2294	US-10-184-634-283	Sequence 283, Appli
34	220	12.0	2750	US-10-123-155-85	Sequence 85, Appli
35	219	12.0	2033	US-10-123-155-307	Sequence 307, Appli
36	219	12.0	4563	US-10-184-644-311	Sequence 311, Appli
37	219	12.0	4563	US-10-184-634-311	Sequence 311, Appli
38	216	11.8	4374	US-10-123-155-125	Sequence 125, Appli
39	215	11.8	2014	US-10-123-155-547	Sequence 547, Appli
40	214.5	11.7	2651	US-10-184-644-135	Sequence 135, Appli
41	214.5	11.7	2651	US-10-184-634-135	Sequence 135, Appli
42	214	11.7	1648	US-10-184-644-295	Sequence 295, Appli
43	214	11.7	1648	US-10-184-634-295	Sequence 295, Appli
44	213	11.7	2917	US-10-123-155-343	Sequence 343, Appli
45	212.5	11.6	3313	US-10-184-644-77	Sequence 77, Appli

ALIGNMENTS

RESULT 1
US-10-007-521-12
Sequence 12, Application US/10007521
Publication No. US20030054539A1
GENERAL INFORMATION:
APPLICANT: Schuelein, Martin
Larsen, Soren F.
Kauppinen, Markus S.
Lange, Lene
Nielsen, Raby I.
Ihara, Michiko
Takagi, Shinobu
TITLE OF INVENTION: No. US20030054539A1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. US20030054539A10 No. US20030054539A1disk of No. US200300545
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007, 521
FILING DATE: 10-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/551,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 12:

Query Match	41.3%;	Score 754.5;	DB 9;	Length 201;
Best Local Similarity	63.7%;	Pred. No. 1,1e-46;		
Matches 130;	Conservative 28;	Mismatches 41;	Indels 5;	Gaps 2

QY	135	GSGGSTRYMDCKKASCSMPGKASVTGPEVDTCASNCISLIDNAAGSGCNGGEMFCNNQD	194
DB	1	GSGGSTRYMDCKKPCSPAMGPKAAVSQPVYACANPQRISDPNVGSGCNGGSAVSADQTP	60
QY	195	WAVNDELAYGFAAASITAGSNEAGMCGGCELTFTTSGAAGSKRMVQVYNTNGDLSNHED	254
DB	61	WAVNDELAYGFAATSTINGSESSMCCATALTFTTSGPAAGKMTVVQVYSTNGDLSNQPD	120
QY	255	LQMBGGVGI FNGCAAQWGA - PNDGMGARYGGVSSVSDCALPSALQACKMRNMFKN	313
DB	121	IAMGGGVGI FNGGSSFGGLP - - - GAQYGGISSRDQCDSEFPAFLKPGCWMPDFQNA	176
QY	314	DNPMTFEKVTCPAELTFTTRGGER	337
DB	177	DNPFTTQOVCCPAELIYARSGCR	200

Query Match	41.3%	Score 753.5;	DB 9;	length 205;
Best Local Similarity	61.5%	Pred. 1.3e-46;		
Matches 126;	Conservative 32;	Mismatches 44;	Indels 3;	Gaps 3
QY	135	GGGSTRVWDCCCKACSCMPGKASTYGVVDNCASNGISLTD-ANAAGGCN- GGNGEFCNNN	194	
DB	1	GGGTTTTTWDCCCKSCAFNGKGP-SSFYQACDKNDNFNDGGSTRGCDAGGSAVMSQ	59	
QY	193	QPMVNDLAFYAPAAASTAGSNEAGCCGCELTFTTSGAASGKGMVYVYTNNGDLGSNN	25	

RESULT 8
US-10-007-521-10
Sequence 10, Application US/10007521
Publication No. US20030054539A1
GENERAL INFORMATION:
APPLICANT: Schuelein, Martin
Andersen, Lene N.
Lassen, Soren F.
Kauppinen, Markus S.
Lange, Lene
Nielsen, Ruby I.
Ihara, Michiko
Takagi, Shinobu
TITLE OF INVENTION: No. US20030054539A1el Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. US20030054539A1o No. US20030054539A1dlrk of No. US20030054539A1

1 CITY: New York
2 STATE: New York
3 COUNTRY: United States of America
4 ZIP: 10174-6401
5
6 COMPUTER READABLE FORM:
7 MEDIUM TYPE: Floppy disk
8 COMPUTER: IBM PC compatible
9 OPERATING SYSTEM: PC-DOS/MS-DOS
10 SOFTWARE: PatentIn Release #1.0, Version #1.30
11
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: US/10/007,521
14 FILING DATE: 10-Dec-2001
15
16 CLASSIFICATION: <Unknown>
17
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: US/08/651,136
20 FILING DATE: 21-MAY-1996
21
22 ATTORNEY/AGENT INFORMATION:
23 NAME: Lambidis, Elias J.
24 REGISTRATION NUMBER: 33,728
25 REFERENCE/DOCKET NUMBER: 4366.200-US
26 TELECOMMUNICATION INFORMATION:
27 TELEPHONE: 212-867-0123
28 TELEFAX: 212-878-9655
29
30 INFORMATION FOR SEQ ID NO: 10:
31
32 SEQUENCE CHARACTERISTICS:
33 LENGTH: 349 amino acids
34 TYPE: amino acid
35 TOPOLOGY: linear
36 MOLECULE TYPE: protein
37
38 SEQUENCE DESCRIPTION: SEQ ID NO: 10:
39
40 US-10-007-521-10

	Query Match	40.3%;	Score 735;	DB 9;	Length 349;	
	Best Local Similarity	61.7%;	Pred. No. 4.7e-45;			
	Matches 127;	Conservative	27;	Mismatches	46;	Indels 6; Gaps 2
Qy	134	SGSGSTRRYDCCCKASCSMPGKASYTPGVDTCA	NSGISLIDANAQSCNGMGFMCNNQ	193		
Db	22	SGGHTRTRYDCCCTSCAMEGKKASVSEPUTLCNKQNDPIYDANABSSCDGGAFACITNNS	81			
Qy	194	PMVAINDELAYGAFAAASIAAGSNEAGWCGCYELFTTSGAASGKKMNVVVTNTGDLSNNHF	25			
Db	82	PMVAISELAYGFPAATIALSGSTEGSMCCACAIIFTTSPGAVAKMNVVNSTWTGDLNNHF	141			

Qy	Dy
254	DLMPGGGAVITFNGCAALMG--APNDGWARFGVGSVSDCSLSPALQACCKRPMWPK 311
142	DLMPGGGGLTFPGCSAQFGQLLP-----GERFGVSSSSQCTGMPELLKQCCQMRPMWPK 197
312	NSDNPMTTKEVYTCPAELTTBSGGER 337
198	NSDNPDLRFEOVQCPKELLTAIVSGCVR 223

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RESULT 9
US-09-261-329-9
Sequence 9, Application US/09261329
Publication No. US2003009297A1
GENERAL INFORMATION:
APPLICANT: Andersen, Kim
APPLICANT: Schuelein, Martin
APPLICANT: Christiansen, Lars
APPLICANT: Damgaard, Bo
APPLICANT: Von Der Osten, Claus
TITLE OF INVENTION: Cellulase Variants
FILE REFERENCE: 4887.204-US
CURRENT APPLICATION NUMBER: US/09/261,329
CURRENT FILING DATE: 1999-03-03
EARLIER APPLICATION NUMBER: 1013/96
EARLIER FILING DATE: 1996-09-17
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 203
TYPE: prt
ORGANISM: Cellulase variants
US-09-261-329-9

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Query Match	39.6%	Score 722.5	DB 9	Length 203
Best Local Similarity	60.3%	Pred. No. 2,1e-44		
Matches	126	Conservative	26	Mismatches 42; Indels 15; Gaps 3
Qy	136	SGSTTRVYDCCKASCSMPGKASVTGPVDTCAISGILSLDANAQ-----SCGNGCNGFM	188	
Db	2	SGVTTTRVYDCCCKPSCAMTGKASVSXPVGTCDIND-----NAQTSPSLLDKSCSDCGSAYX	55	
Qy	189	CNNQNPMAVYNBELAVGPAANAISAGSNEAGMCCGCEYLFPTSGASGAKMNVVNTGDDL	248	
Db	56	CSNQGPMANVDSLSIGFPAALKISGQOETDWCCKYKLFPTSTVAVSGKQIVITNTGDL	115	
Qy	249	GSNHFDLQMPGGGVIIFNGCAAQMGAPNDGMDGARYGVSSVSDCASLPSALQAGCKMRFN	308	
Db	116	GNNHFDMIPGGGVIIFNGCSKQMGGIN--LGNQYGFTRDSQCATLSPSKQASCNMRFD	173	
Qy	309	WPKNSDNPTMTKEVTCPAELITTRSGCGR	337	
Db	174	WFENADNPTVMEPTCPQELVARTGSR	202	

RESULT 10
 US-10-007-521-14
 Sequence 14, Application US/10007521
 Publication No. US20030054539A1
 GENERAL INFORMATION:
 APPLICANT: Schulein, Martin
 Andersen, Lene N.
 Lassen, Soren F.
 Kauppinen, Markus S.
 Lange, Lene
 Nielsen, Ruby I.
 Ihara, Michiko
 Takagi, Shinobu
 TITLE OF INVENTION: No. US20030054539A1el Endoglcucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSSE: No. US20030054539A1o No. US20030054539A1dsk of No. US20030054539A1
 STREET: 405 Lexington Avenue, 64th Floor

1 CITY: New York
2 STATE: New York
3 COUNTRY: United States of America
4
5 ZIP: 10174-6401
6
7 COMPUTER READABLE FORM:
8
9 MEDIUM TYPE: Floppy disk
10 COMPUTER: IBM PC compatible
11 OPERATING SYSTEM: PC-DOS/MS-DOS
12 SOFTWARE: Patent In Release #1.0, Version #1.30
13
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: US/10/007,521
16 FILING DATE: 10-Dec-2001
17 CLASSIFICATION: <Unknown>
18
19 PRIOR APPLICATION DATA:
20 APPLICATION NUMBER: US/08/651,136
21 FILING DATE: 21-MAY-1996
22
23 ATTORNEY/AGENT INFORMATION:
24 NAME: Lambiris, Elias J.
25 REGISTRATION NUMBER: 33,728
26 REFERENCE/DOCKET NUMBER: 4366.200-US
27 TELECOMMUNICATION INFORMATION:
28 TELEPHONE: 212-867-0123
29 TELEFAX: 212-878-9655
30
31 INFORMATION FOR SEQ ID NO: 14:
32
33 SEQUENCE CHARACTERISTICS:
34 LENGTH: 222 amino acids
35 TYPE: amino acid
36 TOPOLOGY: linear
37
38 MOLECULE TYPE: protein
39
40 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
41
42 US-10-007-521-14

Query Match	39.6%;	Score 722.5;	DB 9;	Length 222;
Best Local Similarity	60.3%;	Pred. No. 2,36-44;		
Matches	126;	Conservative	26;	Mismatches 42; Indels 15; Gaps 3;
QY	136	SGSTTRWYDCKKASCMPKASVTGPYDTCASNGISLIDANAQ-----SGCNGNGCFM	188	
Db	21	SGVTRRWYDCKKSPSCAMATGKASVSKPVTGCDIND-----NAQPPSDLLKSSCDGGSAYY	74	
QY	189	CNNQNPNAVDELAYGFPAASIASNSNEAGWCCGCELYLFTTSGAASGKKWVQVNTGDDL	248	
Db	75	CSNQGPMNAVNDLSYGFPAATVSGKQETDWCDCGCKLFTTSTANSGKMTVQVNTGDDL	134	
QY	249	GSNHFIDLQMPGGVGIFFNGCAQWGAIPNDGGAARYGVSVSDCASLPSALQACKWFN	308	
Db	135	GNNHFIDILMPGGVGIFFNGCSKQWNGIN--LGNQYGFPTDPSQCATLPSKQWASCNMRFD	192	
QY	309	WFKNSDNPMTFFKEVTCPAELTTSSGGER	337	
Db	193	WFENADNPVDMPEVTCPEBLVAVATGSR	221	

RESULT 11
 US-10-007-521-24
 : Sequence 24, Application US/10007521
 : Publication No. US20030054539A1
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Schulein, Martin
 : Andersen, Lene N.
 : Lassen, Soren F.
 : Kauppinen, Markus S.
 : Lange, Lene
 : Nielsen, Ruby I.
 : Ihara, Michiko
 : Takagi, Shinobu
 :
 : TITLE OF INVENTION: No. US20030054539A1el Endoglucanases
 :
 : NUMBER OF SEQUENCES: 109
 :
 : CORRESPONDENCE ADDRESS:
 : ADDRESSSEE: No. US20030054539A1o No. US20030054539A1disk OF NO. US20030054539A1
 : STREET: 405 Lexington Avenue, 64th Floor
 : CITY: New York
 : STATE: New York
 :

COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,521
FILING DATE: 10-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Landtvis, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 294 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-007-521-24

Query Match 39.6%; Score 722.5; DB 9; Length 294;
Best Local Similarity 60.3%; Pred. No. 3.1e-44;
Matches 126; Conservative 26; Mismatches 42; Indels 15; Gaps 3;

QY 136 SGGTTRWDCCKSCSPGKASVTGPTDTGASNGISLIDANAQ-----SGNGNGNGM 188
DB 21 SGTTRWDCCKSCSPGKASVTGPTDTGASNGISLIDANAQ-----NAQTPSDLLKSGDGSAY 74
QY 189 CANNQPAVNDLAYGFAASIASNSAGWCCGCELTFTSGAASGKRVVQVNTGADL 248
DB 75 CSNQGPAVNDLSYGAAPAAKLSGKQETDWCCKCYLTFSTAVSGKQIMVQITNTGADL 134
QY 249 GSNHFDLQMPGGVGIIFNGCAQMGAPNDGAGARYGVSSVDCASLPSALQAGCKRRN 308
DB 135 GNNHFDLQMPGGVGIIFNGCAQMGAPNDGAGARYGVSSVDCASLPSALQAGCKRRN 192
QY 309 WEKSDNPMTFKEVTCPAELTTRSGCER 337
DB 193 WFNADNPMTFKEVTCPAELTTRSGCER 221

RESULT 12
US-09-735-787-4
Sequence 4, Application US/09735787
Patent No. US20010036910A1
GENERAL INFORMATION:
APPLICANT: Rasmussen, Grethe
Mikkelsen, Jan Moller
Schulein, Martin
Pakar, Shankant A.
Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
Endoglucanase Enzyme
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. US20010036910A1 No. US20010036910A1disk of No. US200100369
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/735,787
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/189,028
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Landtvis, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469.214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 376 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-735-787-4

Query Match 39.1%; Score 714; DB 10; Length 376;
Best Local Similarity 59.1%; Pred. No. 1.6e-43;
Matches 127; Conservative 26; Mismatches 58; Indels 4; Gaps 3;

QY 124 AGYKVISGGKSGSGSTTRWDCCKSCSPGKASVTGPTDTGASNGISLIDANAQGC-N 182
DB 10 AGYKVISGGKSGSGSTTRWDCCKSCSPGKASVTGPTDTGASNGISLIDANAQGC-N 68
QY 183 GANFPMCNQNPVAVNDLAYGFAASIASNSAGWCCGCELTFTSGAASGKRVVQVNT 242
DB 69 GSAVACTNYSFPAVNDLAYGFAATKISGSEASWCCACVLTFTGPKGKRMVOST 128
QY 243 NTGDDLGSNHDLPMPGGVGIIFNGCAQMGAPNDGAGARYGVSSVDCASLPSALQAG 302
DB 129 NTGDDLGSNHDLPMPGGVGIIFNGCAQMGAPNDGAGARYGVSSVDCASLPSALQAG 186
QY 303 CKMRFNMFNSDNPMTFKEVTCPAELTTRSGCER 337
DB 187 CKMRFNMFNSDNPMTFKEVTCPAELTTRSGCER 221

RESULT 13
US-09-735-787-2
Sequence 2, Application US/09735787
Patent No. US20010036910A1
GENERAL INFORMATION:
APPLICANT: Rasmussen, Grethe
Mikkelsen, Jan Moller
Schulein, Martin
Pakar, Shankant A.
Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
Endoglucanase Enzyme
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. US20010036910A1 No. US20010036910A1disk of No. US200100369
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:


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APPLICATION NUMBER: US/09/735,787
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/189,028
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Lambirth, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469,214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 305 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-735-787-2

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Query Match 38.9%; Score 711; DB 10; Length 305;

Best Local Similarity 61.2%; Pred. No. 2,1e-43;

Matches 126; Conservative 26; Mismatches 48; Indels 6; Gaps 3;

QY 134 GSGSTRYWDCCPSGMAKAPVNOVFSCNANFORITDPDAKSGCEBGAAYSCADQTPW 192

DB 21 AADRSTRYWDCCPSGMAKAPVNOVFSCNANFORITDPDAKSGCEBGAAYSCADQ 80

QY 193 QPMAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 252

DB 81 TPAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 140

QY 253 FDLQMPGGVGIFNGCAQWGA-PNDGWARVGVSVSDCASLPALQAGCKMRFNMF 311

DB 141 FDLQMPGGVGIFNGCAQWGA-PNDGWARVGVSVSDCASLPALQAGCKMRFNMF 196

QY 312 NSDPTMFKVTCPEALTRSGCER 337

DB 197 NSDPTMFKVTCPEALTRSGCER 222

RESULT 14

US-09-261-329-1

Sequence 1, Application US/09261329

Publication No. US20030092097A1

GENERAL INFORMATION:

APPLICANT: Andersen, Kim

APPLICANT: Christensen, Lars

APPLICANT: Damgaard, Bo

APPLICANT: Schulten, Martin

APPLICANT: Von Der Osten, Claus

TITLE OF INVENTION: Cellulase Variants

FILE REFERENCE: 4887,204-US

CURRENT FILING DATE: 1999-03-03

EARLIER FILING DATE: 1996-09-17

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 1

LENGTH: 202

TYPE: PRT

ORGANISM: Cellulase variants

US-09-261-329-1

Query Match 38.9%; Score 710; DB 9; Length 202;

Best Local Similarity 62.1%; Pred. No. 1,6e-43;

Matches 126; Conservative 25; Mismatches 46; Indels 6; Gaps 3;

QY 137 GSTRYWDCCPSGMAKAPVNOVFSCNANFORITDPDAKSGCEBGAAYSCADQTPW 195

DB 21 AADRSTRYWDCCPSGMAKAPVNOVFSCNANFORITDPDAKSGCEBGAAYSCADQ 80

QY 193 QPMAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 252

DB 81 TPAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 140

QY 253 FDLQMPGGVGIFNGCAQWGA-PNDGWARVGVSVSDCASLPALQAGCKMRFNMF 311

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DB 81 TPAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 140

QY 253 FDLQMPGGVGIFNGCAQWGA-PNDGWARVGVSVSDCASLPALQAGCKMRFNMF 311

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QY 253 FDLQMPGGVGIFNGCAQWGA-PNDGWARVGVSVSDCASLPALQAGCKMRFNMF 311

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DB 81 TPAVNDLAYGFAAASIASGNEAGMCCGCELTFTSGAASGKMWVQVNTGDLGNSH 140

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